



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 172217

TO: Patricia Duffy
Location: REM-3B05&3C18
Art Unit: 1645
Wednesday, November 30, 2005
Case Serial Number: 09/900766

From: Toby Port
Location: Biotech-Chem Library
REM-1A59
Phone: 571-272-2523
toby.port@uspto.gov

Search Notes

Examiner Duffy,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Toby Port
X22523

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STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher or contact*:

Mary Hale, Information Branch Supervisor
Remsen Bldg. 01 D86
571-272-2507

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library, Remsen Bldg.



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STIC-Biotech/ChemLib

172217

From: Duffy, Patricia
Sent: Tuesday, November 22, 2005 4:05 PM
To: STIC-Biotech/ChemLib
Subject: sequence search - interference only 09/900,766

Importance: High

In re:09/900,766

Please search SEQ ID NO:7. Interference search only

Patricia A. Duffy, Ph.D.
Art Unit 1645
Remsen 3B05; Mailbox 3C18
571-272-0855

CRFE

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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OM protein - protein search, using sw model

Run on: November 25, 2005, 20:46:25 ; Search time 24 Seconds
(without alignments)
802.643 Million cell updates/sec

Title: US-09-900-766-7
Perfect score: 1238
Sequence: 1 SKSEINEKDLKKSELR.....RDNKTINSLHIDLYLTT 233

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/prodata/1/iaa/5-COMB.pep.*
2: /cgn2_6/prodata/1/iaa/6-COMB.pep.*
3: /cgn2_6/prodata/1/iaa/H-COMB.pep.*
4: /cgn2_6/prodata/1/iaa/PCUS-COMB.pep.*
5: /cgn2_6/prodata/1/iaa/RE-COMB.pep.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1238	100.0	233	2 US-08-695-692B-8	Sequence 8, Appli
2	1238	100.0	257	2 US-08-486-099-112	Sequence 112, App
3	1238	100.0	257	2 US-08-360-107A-122	Sequence 122, App
4	1238	100.0	257	2 US-08-484-223B-112	Sequence 112, App
5	1238	100.0	257	2 US-08-919-597-112	Sequence 112, App
6	1238	100.0	257	2 US-08-475-668A-112	Sequence 112, App
7	1238	100.0	257	2 US-08-485-551A-112	Sequence 112, App
8	1238	100.0	257	2 US-08-471-913A-112	Sequence 112, App
9	1238	100.0	257	2 US-08-485-264A-112	Sequence 112, App
10	1238	100.0	257	2 US-08-474-349A-112	Sequence 112, App
11	1238	100.0	257	2 US-08-470-896-112	Sequence 112, App
12	1238	100.0	257	2 US-08-485-546A-112	Sequence 112, App
13	1238	100.0	257	2 US-08-487-266A-112	Sequence 112, App
14	1238	100.0	257	2 US-08-484-741-112	Sequence 112, App
15	1202	97.1	254	2 US-09-350-841A-1598	Sequence 1598, Ap
16	1171	94.6	226	2 US-08-896-933-24	Sequence 24, Appl
17	1171	94.6	226	2 US-09-314-235-24	Sequence 24, Appl
18	1171	94.6	226	2 US-09-708-008B-24	Sequence 24, Appl
19	1023	82.6	233	2 US-08-695-692B-7	Sequence 7, Appli
20	1023	82.6	257	2 US-08-486-099-113	Sequence 113, App
21	1023	82.6	257	2 US-08-360-107A-123	Sequence 123, App
22	1023	82.6	257	2 US-08-484-223B-113	Sequence 113, App
23	1023	82.6	257	2 US-08-919-597-113	Sequence 113, App
24	1023	82.6	257	2 US-08-475-668A-113	Sequence 113, App
25	1023	82.6	257	2 US-08-485-551A-113	Sequence 113, App
26	1023	82.6	257	2 US-08-471-913A-113	Sequence 113, App
27	1023	82.6	257	2 US-08-485-264A-113	Sequence 113, App

28	1023	82.6	257	2 US-08-474-349A-113	Sequence 113, App
29	1023	82.6	257	2 US-08-470-896-113	Sequence 113, App
30	1023	82.6	257	2 US-08-485-546A-113	Sequence 113, App
31	1023	82.6	257	2 US-08-487-266A-113	Sequence 113, App
32	1023	82.6	257	2 US-08-484-741-113	Sequence 113, App
33	1019	82.3	233	1 US-08-446-918A-4	Sequence 4, Appli
34	1019	82.3	233	1 US-08-580-806-4	Sequence 4, Appli
35	1003.5	81.1	232	2 US-08-896-933-23	Sequence 23, Appli
36	1003.5	81.1	232	2 US-09-314-235-23	Sequence 23, Appli
37	1003.5	81.1	232	2 US-09-708-008B-23	Sequence 23, Appli
38	1000	80.8	257	2 US-09-144-776B-2	Sequence 2, Appli
39	1000	80.8	257	2 US-08-882-431B-2	Sequence 2, Appli
40	996	80.5	233	2 US-09-144-776B-4	Sequence 4, Appli
41	996	80.5	233	2 US-08-882-431B-4	Sequence 4, Appli
42	926.5	74.8	252	2 US-09-350-841A-1599	Sequence 1599, Ap
43	657	53.1	228	2 US-08-896-933-25	Sequence 25, Appl
44	657	53.1	228	2 US-09-314-235-25	Sequence 25, Appl
45	657	53.1	228	2 US-09-708-008B-25	Sequence 25, Appl

ALIGNMENTS

RESULT 1
US-08-695-692B-8
; Sequence 8, Application US/08695692B
; Patent No. 651498
; GENERAL INFORMATION:
; APPLICANT: Per Antonsson, Per Bjork, Mikael Dohlsten,
; APPLICANT: Johan Hansson, Terje Kalland, Lars
; APPLICANT: Abrahamson and Goran Forsberg
; TITLE OF INVENTION: MODIFIED/CHIMERIC SUPERANTIGENS
; TITLE OF INVENTION: AND THEIR USE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pravel, Hewitt, Kimball & Krieger
; STREET: 1177 West Loop South, 10th Floor
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77027-9095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/695,692B
; FILING DATE: August 12, 1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 9601245-5
; FILING DATE: March 29, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Krieger, Paul E.
; REGISTRATION NUMBER: 25,886
; REFERENCE/DOCKET NUMBER: 41986/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-850-0909
; TELEFAX: 713-850-0165
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 233 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-695-692B-8

Query Match 100.0%; Score 1238; DB 2; Length 233;
Best Local Similarity 100.0%; Pred. No. 1.8e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLKKSELQNALSLRQIYYNEKAITENKESDDQFLNTLLFKGFTG 60

Db 1 SEKSEINEKDLRKSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
Db 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
QY 181 RGLIVFHSSEGSTSVSYDLFDAQGYPDTLRLRIYRDNKTINSENHLIDLYLTT 233
Db 181 RGLIVFHSSEGSTSVSYDLFDAQGYPDTLRLRIYRDNKTINSENHLIDLYLTT 233

RESULT 2

US-08-486-099-112
; Sequence 112, Application US/08486099
; Patent No. 6013263
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
; TITLE OF INVENTION: MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HEPATITIS
; TITLE OF INVENTION: B VIRUS TRANSMISSION
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,099
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-031
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-486-099-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84

QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
QY 181 RGLIVFHSSEGSTSVSYDLFDAQGYPDTLRLRIYRDNKTINSENHLIDLYLTT 233
Db 205 RGLIVFHSSEGSTSVSYDLFDAQGYPDTLRLRIYRDNKTINSENHLIDLYLTT 257

RESULT 3

US-08-360-107A-122
; Sequence 122, Application US/08360107A
; Patent No. 6017536
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION
; TITLE OF INVENTION: OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; NUMBER OF SEQUENCES: 149
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/360,107A
; FILING DATE: 20-DEC-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-360-107A-122

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYYGYQCAGTGNKTACMYGGVTLHDNNRLT 144

QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180
| | | | |
DB 145 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 204
| | | | |
QY 181 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKTINSENHLIDLVLTYTT 233
| | | | |
DB 205 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKTINSENHLIDLVLTYTT 257
| | | | |

RESULT 4
US-08-484-223B-112
; Sequence 112, Application US/08484223B
; Patent No. 6020459
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Dennis O.
; APPLICANT: Lambert, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
; TITLE OF INVENTION: MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; TITLE OF INVENTION: TRANSMISSION
; NUMBER OF SEQUENCES: 245
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/484,223B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-029
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-484-223B-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKKSSELQARNLSNLRIQYYNEKAITENKESDDQFLNTLLFKGFFTG 60
| | | | |
DB 25 SEKSEINEKDLRKKSSELQARNLSNLRIQYYNEKAITENKESDDQFLNTLLFKGFFTG 84
| | | | |
QY 61 HPWYNDLLVDLGSKDATNKYKGGVDLYGAYGYQCAGGTPNKTCMYGGVTLHDNRLLT 120
| | | | |
DB 85 HPWYNDLLVDLGSKDATNKYKGGVDLYGAYGYQCAGGTPNKTCMYGGVTLHDNRLLT 144
| | | | |
QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180
| | | | |

DB 145 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 204
| | | | |
QY 181 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKTINSENHLIDLVLTYTT 233
| | | | |
DB 205 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKTINSENHLIDLVLTYTT 257
| | | | |
RESULT 5
US-08-919-597-112
; Sequence 112, Application US/08919597
; Patent No. 6054265
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Dennis O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION
; TITLE OF INVENTION: OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; TITLE OF INVENTION: TRANSMISSION
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/919,597
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,896
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-020
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-919-597-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKKSSELQARNLSNLRIQYYNEKAITENKESDDQFLNTLLFKGFFTG 60
| | | | |
DB 25 SEKSEINEKDLRKKSSELQARNLSNLRIQYYNEKAITENKESDDQFLNTLLFKGFFTG 84
| | | | |
QY 61 HPWYNDLLVDLGSKDATNKYKGGVDLYGAYGYQCAGGTPNKTCMYGGVTLHDNRLLT 120
| | | | |
DB 85 HPWYNDLLVDLGSKDATNKYKGGVDLYGAYGYQCAGGTPNKTCMYGGVTLHDNRLLT 144
| | | | |
QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180
| | | | |

Db 145 EEKVPINLWIDGKQTTVPIDKVTSSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 233

Db 205 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 257

RESULT 6

US-08-475-668A-112

; Sequence 112, Application US/08475668A

; Patent No. 6060065

; GENERAL INFORMATION:

; APPLICANT: Barney, Shawn O.

; APPLICANT: Lambert, Dennis M.

; APPLICANT: Petteway, Stephen R.

; APPLICANT: Langlois, Alphonse J.

; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF MEMBRANE

; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING INFLUENZA VIRUS

; TITLE OF INVENTION: TRANSMISSION

; NUMBER OF SEQUENCES: 211

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/475, 668A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7872-026

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-9741/8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 112:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 257 amino acids

; TYPE: amino acid

; STRANDEDNESS:

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

US-08-475-668A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;

Best Local Similarity 100.0%; Pred. No. 2e-118;

Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKSELORNALSRLQIYYYNKAITENKESDDQFLNTLLPKGFFTG 60

Db 25 SEKSEINEKDLRKKSELORNALSRLQIYYYNKAITENKESDDQFLNTLLPKGFFTG 84

QY 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGTTPNKTACMYGGVTLHDNNRLT 120

Db 85 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGTTPNKTACMYGGVTLHDNNRLT 144

QY 121 EEKVPINLWIDGKQTTVPIDKVTSSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180

Db 145 EEKVPINLWIDGKQTTVPIDKVTSSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 233

Db 205 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 257

RESULT 7

US-08-485-551A-112

; Sequence 112, Application US/08485551A

; Patent No. 6068973

; GENERAL INFORMATION:

; APPLICANT: Bolognesi, Dani P.

; APPLICANT: Matthews, Thomas J.

; APPLICANT: Wild, Carl T.

; APPLICANT: Barney, Shawn O.

; APPLICANT: Lambert, Dennis M.

; APPLICANT: Petteway, Stephen R.

; APPLICANT: Langlois, Alphonse J.

; TITLE OF INVENTION: METHODS FOR INHIBITION OF MEMBRANE

; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING INFLUENZA VIRUS

; TITLE OF INVENTION: TRANSMISSION

; NUMBER OF SEQUENCES: 211

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds LLP

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/485,551A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7872-023

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-9741/8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 112:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 257 amino acids

; TYPE: amino acid

; STRANDEDNESS:

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

US-08-485-551A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;

Best Local Similarity 100.0%; Pred. No. 2e-118;

Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKSELORNALSRLQIYYYNKAITENKESDDQFLNTLLPKGFFTG 60

Db 25 SEKSEINEKDLRKKSELORNALSRLQIYYYNKAITENKESDDQFLNTLLPKGFFTG 84

QY 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGTTPNKTACMYGGVTLHDNNRLT 120

Db 85 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGTTPNKTACMYGGVTLHDNNRLT 144

QY 121 EEKVPINLWIDGKQTTVPIDKVTSSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180

Db 145 EEKVPINLWIDGKQTTVPIDKVTSSKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 233

Db 205 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLTT 257

RESULT 8

US-08-471-913A-112

; Sequence 112, Application US/08471913A

```

; Patent No. 6093794
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; APPLICANT: Coruzzi, Laura A.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF MEMBRANE
; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING EPSTEIN-BARR VIRUS
; TITLE OF INVENTION: TRANSMISSION
; NUMBER OF SEQUENCES: 214
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471.913A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-471-913A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEKSEINEKDLRKKSQLRNALSRLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSQLRNALSRLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84

Qy 61 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGGTPNKTCACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGGTPNKTCACMYGGVTLHDNNRLT 144

Qy 121 EEKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204

Qy 181 RGLIVFHSSEGSTVSYDLFDAQQGYPTDLLRIYRDNKTINSENLHIDLITYTT 233
Db 205 RGLIVFHSSEGSTVSYDLFDAQQGYPTDLLRIYRDNKTINSENLHIDLITYTT 257

RESULT 9
US-08-485-264A-112
; Sequence 112, Application US/08485264A
; Patent No. 6228983
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.

```

```

; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; APPLICANT: Coruzzi, Laura A.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
; TITLE OF INVENTION: MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING
; TITLE OF INVENTION: RESPIRATORY SYNCYTIAL VIRUS TRANSMISSION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485.264A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-485-264A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEKSEINEKDLRKKSQLRNALSRLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSQLRNALSRLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84

Qy 61 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGGTPNKTCACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGGTPNKTCACMYGGVTLHDNNRLT 144

Qy 121 EEKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204

Qy 181 RGLIVFHSSEGSTVSYDLFDAQQGYPTDLLRIYRDNKTINSENLHIDLITYTT 233
Db 205 RGLIVFHSSEGSTVSYDLFDAQQGYPTDLLRIYRDNKTINSENLHIDLITYTT 257

RESULT 10
US-08-474-349A-112
; Sequence 112, Application US/08474349A
; Patent No. 6333395
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.

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; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF MEMBRANE
; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING HUMAN PARAINFLUENZA
; NUMBER OF SEQUENCES: 517
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,349A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-474-349A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKSQLRNALSRLQIYYNNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSQLRNALSRLQIYYNNEKAITENKESDDQFLENTLLFKGFFTG 84

QY 61 HPWYNDLLVGLSKDATNKYKGVLDLYGAYYGOCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVGLSKDATNKYKGVLDLYGAYYGOCAGGTPNKTACMYGGVTLHDNNRLT 144

QY 121 BEKKVPINLWDGKQTTVPIDKVTSKKEVTVOELDQARHYLHGKFLYNSDSFGGKVQ 180
Db 145 BEKKVPINLWDGKQTTVPIDKVTSKKEVTVOELDQARHYLHGKFLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTVSVDLFDAGQGYPTDLLRIYRDNKTINSENHLDLYLTYT 233
Db 205 RGLIVFHSSEGSTVSVDLFDAGQGYPTDLLRIYRDNKTINSENHLDLYLTYT 257

RESULT 11
US-08-470-896-112
; Sequence 112, Application US/08470896
; Patent No. 6479055
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS FOR INHIBITION OF MEMBRANE
; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING EPSTEIN-BARR VIRUS
; TITLE OF INVENTION: TRANSMISSION
```

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; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION
; TITLE OF INVENTION: OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,896
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-020
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 257 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-470-896-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKSQLRNALSRLQIYYNNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSQLRNALSRLQIYYNNEKAITENKESDDQFLENTLLFKGFFTG 84

QY 61 HPWYNDLLVGLSKDATNKYKGVLDLYGAYYGOCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVGLSKDATNKYKGVLDLYGAYYGOCAGGTPNKTACMYGGVTLHDNNRLT 144

QY 121 BEKKVPINLWDGKQTTVPIDKVTSKKEVTVOELDQARHYLHGKFLYNSDSFGGKVQ 180
Db 145 BEKKVPINLWDGKQTTVPIDKVTSKKEVTVOELDQARHYLHGKFLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTVSVDLFDAGQGYPTDLLRIYRDNKTINSENHLDLYLTYT 233
Db 205 RGLIVFHSSEGSTVSVDLFDAGQGYPTDLLRIYRDNKTINSENHLDLYLTYT 257

RESULT 12
US-08-485-546A-112
; Sequence 112, Application US/08485546A
; Patent No. 6518013
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS FOR INHIBITION OF MEMBRANE
; TITLE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING EPSTEIN-BARR VIRUS
; TITLE OF INVENTION: TRANSMISSION
```

```
/
/
/ NUMBER OF SEQUENCES: 214
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10036-2711
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/485,546A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7872-028
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 257 amino acids
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: unknown
/ MOLECULE TYPE: protein
/ US-08-485-546A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSEIQRNALSRLRIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 25 SEKSEINEKDLRKSEIQRNALSRLRIYYNEKAITENKESDDQFLENTLLFKGFFTG 84

QY 61 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGTTPNKTACMYGGVTLHDNRLLT 120
DB 85 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGTTPNKTACMYGGVTLHDNRLLT 144

QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 145 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTSVSYDLFDAQQYPTDLLRIYRDNKTINSENHLIDLYLTT 233
DB 205 RGLIVFHSSEGSTSVSYDLFDAQQYPTDLLRIYRDNKTINSENHLIDLYLTT 257

RESULT 13
US-08-487-266A-112
; Sequence 112, Application US/08487266A
; Patent No. 6824783
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS FOR INHIBITION OF MEMBRANE
; FUSION-ASSOCIATED EVENTS, INCLUDING HIV TRANSMISSION
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA

/
/
/ NUMBER OF SEQUENCES: 214
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10036-2711
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/487,266A
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7872-028
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 257 amino acids
/ TYPE: amino acid
/ STRANDEDNESS:
/ TOPOLOGY: unknown
/ MOLECULE TYPE: protein
/ US-08-487-266A-112

Query Match 100.0%; Score 1238; DB 2; Length 257;
Best Local Similarity 100.0%; Pred. No. 2e-118;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSEIQRNALSRLRIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 25 SEKSEINEKDLRKSEIQRNALSRLRIYYNEKAITENKESDDQFLENTLLFKGFFTG 84

QY 61 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGTTPNKTACMYGGVTLHDNRLLT 120
DB 85 HPWYNDLLVLDGSKDATNKYKGVLDLYGAYGYQCAGTTPNKTACMYGGVTLHDNRLLT 144

QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 145 BEKKVPINLWIDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204

QY 181 RGLIVFHSSEGSTSVSYDLFDAQQYPTDLLRIYRDNKTINSENHLIDLYLTT 233
DB 205 RGLIVFHSSEGSTSVSYDLFDAQQYPTDLLRIYRDNKTINSENHLIDLYLTT 257

RESULT 14
US-08-484-741-112
; Sequence 112, Application US/08484741
; Patent No. 6951717
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; APPLICANT: Matthews, Thomas J.
; APPLICANT: Wild, Carl T.
; APPLICANT: Barney, Shawn O.
; APPLICANT: Lambert, Dennis M.
; APPLICANT: Petteway, Stephen R.
; APPLICANT: Langlois, Alphonse J.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION
; OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; TRANSMISSION
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
```

ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,741
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7872-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 257 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: unknown
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-08-484-741-112

Search completed: November 25, 2005, 20:50:55
Job time : 26 secs

Db	22	SEKSEEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG	81
Qy	61	HPWYNDLLVDLGSKDATNKYGGKVDLYGAYGYOCAGGTPNKTACMYGGVTLHDNNRLT	120
Db	82	HPWYNDLLVDLGSKDATNKYGGKVDLYGAYGYOCAGGTPNKTACMYGGVTLHDNNRLT	141
Qy	121	EKKVPINLWIDGKQTTVPIDKVKTSKKEVTVQELDQARHYLHGKFGLYNSDSFGGKVQ	180
Db	142	EKKVPINLWIDGKQTTVPIDKVKTSKKEVTVQELDQARHYLHGKFGLYNSDSFGGKVQ	200
Qy	181	RGLIVFHSSEG-STVSYDLPDAQOQYPTDLLRIYRDNKTINSENHLDLYLYTT	233
Db	201	RGLIVFHSSEGSTVSYDLPDAQOQYPTDLLRIYRDNKTINSENHLDLYLYTT	254

RESULT 15
US-09-350-841A-1598
; Sequence 1598, Application US/09350841A
; Patent No. 6750008
; GENERAL INFORMATION:
; APPLICANT: Jeffs, Peter;
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITION OF MEMBRANE
; FILE OF INVENTION: FUSION-ASSOCIATED EVENTS, INCLUDING HIV TRANSMISSION
; FILE REFERENCE: 7872-066-999
; CURRENT APPLICATION NUMBER: US/09/350,841A
; CURRENT FILING DATE: 1999-07-09
; NUMBER OF SEQ ID NOS: 1946
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1598
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
US-09-350-841A-1598

Query Match 97.1%; Score 1202; DB 2; Length 254;
Best Local Similarity 98.3%; Pred. No. 9.6e-115;
Matches 230; Conservative 0; Mismatches 2; Indels 2; Gaps 2;

Qy 1 SEKSEEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: November 25, 2005, 20:47:46 ; Search time 165 Seconds
(without alignments)
590.026 Million cell updates/sec

Title: US-09-900-766-7
Perfect score: 1238
Sequence: 1 SKSEBINEKDLRKXSELQ.....RDNKTINSENHLDLYLTT 233

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : 1: /cgn2_6/prodata/1/pubpaa/US07_PUBCOMB.pap:*
2: /cgn2_6/prodata/1/pubpaa/US08_PUBCOMB.pap:*
3: /cgn2_6/prodata/1/pubpaa/US09_PUBCOMB.pap:*
4: /cgn2_6/prodata/1/pubpaa/US10A_PUBCOMB.pap:*
5: /cgn2_6/prodata/1/pubpaa/US10B_PUBCOMB.pap:*
6: /cgn2_6/prodata/1/pubpaa/US11_PUBCOMB.pap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1238	100.0	233	3	US-09-900-766-7
2	1238	100.0	233	4	US-10-283-838-8
3	1238	100.0	257	4	US-10-267-682-112
4	1238	100.0	257	4	US-10-267-748-112
5	1238	100.0	257	4	US-10-267-748-112
6	1210	97.7	233	3	US-09-900-766-3
7	1188	96.0	248	3	US-09-970-759-16
8	1188	96.0	248	3	US-09-751-708A-16
9	1188	96.0	248	4	US-10-428-817A-12
10	1188	96.0	248	5	US-10-428-817A-16
11	1107	89.4	233	3	US-09-900-766-2
12	1107	89.4	672	3	US-09-900-766-1
13	1023	82.6	233	3	US-09-900-766-4
14	1023	82.6	233	4	US-10-283-838-7
15	1023	82.6	257	4	US-10-267-682-113
16	1023	82.6	257	4	US-10-267-748-113
17	1023	82.6	257	5	US-10-951-225-5
18	1019	82.3	233	4	US-10-354-948-4
19	1013	81.8	257	3	US-09-870-759-8
20	1013	81.8	257	3	US-09-751-708A-8
21	1013	81.8	257	4	US-10-428-817A-4
22	1013	81.8	257	5	US-10-937-758A-8
23	1000	80.8	257	4	US-10-002-784A-2
24	1000	80.8	257	5	US-10-767-687-2
25	996	80.5	233	4	US-10-002-784A-4
26	996	80.5	233	5	US-10-767-687-4
27	991	80.0	231	4	US-10-428-817A-182
28					Sequence 7, Appli
29					Sequence 8, Appli
30					Sequence 112, App
31					Sequence 112, App
32					Sequence 188, App
33					Sequence 3, Appli
34					Sequence 16, Appli
35					Sequence 16, Appli
36					Sequence 12, Appli
37					Sequence 16, Appli
38					Sequence 2, Appli
39					Sequence 4, Appli
40					Sequence 7, Appli
41					Sequence 113, App
42					Sequence 113, App
43					Sequence 5, Appli
44					Sequence 4, Appli
45					Sequence 8, Appli
46					Sequence 8, Appli
47					Sequence 4, Appli
48					Sequence 2, Appli
49					Sequence 2, Appli
50					Sequence 4, Appli
51					Sequence 4, Appli
52					Sequence 182, Appli

28	983	79.4	257	2	US-08-882-431-2	Sequence 2, Appli
29	978	79.0	233	2	US-08-882-431-4	Sequence 4, Appli
30	921	74.4	227	5	US-10-997-690-11	Sequence 11, Appli
31	830	67.0	268	4	US-10-428-817A-175	Sequence 175, App
32	663	53.6	258	3	US-09-870-759-14	Sequence 14, Appli
33	663	53.6	258	3	US-09-751-708A-14	Sequence 14, Appli
34	663	53.6	258	4	US-10-428-817A-10	Sequence 10, Appli
35	663	53.6	258	4	US-10-428-817A-187	Sequence 187, App
36	663	53.6	258	5	US-10-937-758A-14	Sequence 14, Appli
37	523	42.2	203	3	US-09-900-766-5	Sequence 5, Appli
38	457	36.9	82	4	US-10-002-784A-34	Sequence 34, Appli
39	457	36.9	82	5	US-10-767-687-19	Sequence 19, Appli
40	399	32.2	82	4	US-10-002-784A-32	Sequence 32, Appli
41	399	32.2	82	5	US-10-767-687-17	Sequence 17, Appli
42	366	29.6	217	3	US-09-900-766-6	Sequence 6, Appli
43	366	29.6	217	4	US-10-428-817A-173	Sequence 173, App
44	343.5	27.7	259	5	US-10-474-792-416	Sequence 416, App
45	339.5	27.4	242	4	US-10-428-817A-174	Sequence 174, App

ALIGNMENTS

RESULT 1.
US-09-900-766-7
; Sequence 7, Application US/09900766
; Publication No. US20030039655A1
; GENERAL INFORMATION:
; APPLICANT: FORSBERG, GORAN
; APPLICANT: ERLANDSSON, EVA
; APPLICANT: ANTONSSON, PER
; APPLICANT: WALSE, BJORN
; TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
; FILE REFERENCE: P02188US0;10104199
; CURRENT APPLICATION NUMBER: US/09/900,766
; CURRENT FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; TYPE: PRT
; ORGANISM: Staphylococcus sp.
US-09-900-766-7

Query Match	100.0%;	Score 1238;	DB 3;	Length 233;
Best Local Similarity	100.0%;	Pred. No. 7,1e-105;		
Matches 233;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	SKSEBINEKDLRKXSELQNALSNLRQIYYNEKAITENKESDDOFLNTLLFKGFTG	60	
Db	1	SKSEBINEKDLRKXSELQNALSNLRQIYYNEKAITENKESDDOFLNTLLFKGFTG	60	
Qy	61	HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYCYQCAGGTGPKNTACMGVGLHNNRLT	120	
Db	61	HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYCYQCAGGTGPKNTACMGVGLHNNRLT	120	
Qy	121	EKKVPINLWIDGKQTTPVDIKVTSKKEVTVQELDLQARHYLHGKFGYNSDSFGKQVQ	180	
Db	121	EKKVPINLWIDGKQTTPVDIKVTSKKEVTVQELDLQARHYLHGKFGYNSDSFGKQVQ	180	
Qy	181	RGLIVPHSSEGSTVSYDLFDAQGYPDPTLLRIYRDNKNTINSENHLDLYLTT	233	
Db	181	RGLIVPHSSEGSTVSYDLFDAQGYPDPTLLRIYRDNKNTINSENHLDLYLTT	233	

RESULT 2
US-10-283-838-8
; Sequence 8, Application US/10283838
; Publication No. US20030092894A1
; GENERAL INFORMATION:
; APPLICANT: Per Antonsson, Per Bjork, Mikael Dohlstén,
; Johan Hansson, Terje Kalland, Lars
; Abrahamson and Goran Forsberg

;/ TITLE OF INVENTION: MODIFIED/CHIMERIC SUPERANTIGENS
;/ AND THEIR USE
;/ NUMBER OF SEQUENCES: 24
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Pravel, Hewitt, Kimball & Krieger
;/ STREET: 1177 West Loop South, 10th Floor
;/ CITY: Houston
;/ STATE: TX
;/ COUNTRY: USA
;/ ZIP: 77027-9095
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: PatentIn Release #1.0, Version #1.25
;/ CURRENT APPLICATION DATA: US/10/283,838
;/ APPLICATION NUMBER: US/10/283,838
;/ FILING DATE: 30-Oct-2002
;/ CLASSIFICATION: <Unknown>
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/695,692
;/ FILING DATE: August 12, 1996
;/ APPLICATION NUMBER: 9601245-5
;/ FILING DATE: March 29, 1996
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Krieger, Paul E.
;/ REGISTRATION NUMBER: 25,886
;/ REFERENCE/DOCKET NUMBER: 41986/1
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 713-850-0909
;/ TELEFAX: 713-850-0165
;/ INFORMATION FOR SEQ ID NO: 8:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 233 amino acids
;/ TYPE: amino acid
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: peptide
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 8:
;/ US-10-283-838-8

Query Match 100.0%; Score 1238; DB 4; Length 233;
Best Local Similarity 100.0%; Pred. No. 7.le-105;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKSELORNALSRLQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 1 SEKSEINEKDLRKSELORNALSRLQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
QY 61 HPWYNDLLVLDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 61 HPWYNDLLVLDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
QY 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLYTT 233
Db 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLYTT 233

RESULT 3

US-10-267-682-112
; Sequence 112, Application US/10267682
; Publication No. US20040033235A1
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; Matthews, Thomas J.
; Wild, Carl T.
; Barney, Shawn O.
; Lambert, Dennis M.
; Petteway, Stephen R.
; Langlois, Alphonse J.

;/ TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
;/ MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
;/ TRANSMISSION
;/ NUMBER OF SEQUENCES: 239
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Pennie & Edmonds
;/ STREET: 1155 Avenue of the Americas
;/ CITY: New York
;/ STATE: New York
;/ COUNTRY: USA
;/ ZIP: 10036-2711
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: PatentIn Release #1.0, Version #1.30
;/ CURRENT APPLICATION DATA: US/10/267,682
;/ APPLICATION NUMBER: US/10/267,682
;/ FILING DATE: 08-Oct-2002
;/ CLASSIFICATION: <Unknown>
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/484,223A
;/ FILING DATE: 07-JUN-1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Coruzzi, Laura A.
;/ REGISTRATION NUMBER: 30,742
;/ REFERENCE/DOCKET NUMBER: 7872-029
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (212) 790-9090
;/ TELEFAX: (212) 869-9741/8864
;/ INFORMATION FOR SEQ ID NO: 112:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 257 amino acids
;/ TYPE: amino acid
;/ STRANDEDNESS: <Unknown>
;/ TOPOLOGY: unknown
;/ MOLECULE TYPE: protein
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 112:
;/ US-10-267-682-112

Query Match 100.0%; Score 1238; DB 4; Length 257;
Best Local Similarity 100.0%; Pred. No. 8.le-105;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKSELORNALSRLQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKSELORNALSRLQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVLDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
QY 181 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLYTT 233
Db 205 RGLIVFHSSEGSTVSVDLFDAGQVPTDLLRIYRDNKTINSENHLIDLYLYTT 257

RESULT 4

US-10-267-748-112
; Sequence 112, Application US/10267748
; Publication No. US20040052820A1
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; Matthews, Thomas J.
; Wild, Carl T.
; Barney, Shawn O.
; Lambert, Dennis M.
; Petteway, Stephen R.

Langlois, Alphonse J.
TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
TRANSMISSION
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/267,748
FILING DATE: 08-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/484,223A
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7872-029
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 257 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: unknown
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-10-267-748-112

Query Match 100.0%; Score 1238; DB 4; Length 257;
Best Local Similarity 100.0%; Pred. No. 8.1e-105;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGKVKQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGKVKQ 204
QY 181 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKNTINSENHLIDLTYTT 233
Db 205 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKNTINSENHLIDLTYTT 257

RESULT 5
US-10-428-817A-188
Sequence 188, Application US/10428817A
Publication No. US20040214783A1
GENERAL INFORMATION:
APPLICANT: TERMAN, David S
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
FILE REFERENCE: 38373-189118
CURRENT APPLICATION NUMBER: US/10/428,817A
CURRENT FILING DATE: 2003-05-05

PRIOR APPLICATION NUMBER: US 60/378,988
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: US 60/389,366
PRIOR FILING DATE: 2002-06-15
PRIOR APPLICATION NUMBER: US 60/406,697
PRIOR FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: US 60/406,750
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/415,310
PRIOR FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/415,400
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/438,686
PRIOR FILING DATE: 2003-01-09
NUMBER OF SEQ ID NOS: 224
SOFTWARE: PatentIn version 3.2
SEQ ID NO 188
LENGTH: 257
TYPE: PRT
ORGANISM: Staphylococcus aureus
US-10-428-817A-188
Query Match 100.0%; Score 1238; DB 4; Length 257;
Best Local Similarity 100.0%; Pred. No. 8.1e-105;
Matches 233; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEKSEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
Db 85 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGKVKQ 180
Db 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGKVKQ 204
QY 181 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKNTINSENHLIDLTYTT 233
Db 205 RGLIVFHSSEGSTVSVDLFDAGQYPTDLLRIYRDNKNTINSENHLIDLTYTT 257

RESULT 6
US-09-900-766-3
Sequence 3, Application US/09900766
Publication No. US20030039655A1
GENERAL INFORMATION:
APPLICANT: FORSBERG, GORAN
APPLICANT: ERLANDSSON, EVA
APPLICANT: ANTONSSON, PER
APPLICANT: WALSE, BJORN
TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
FILE REFERENCE: P03188US010104199
CURRENT APPLICATION NUMBER: US/09/900,766
CURRENT FILING DATE: 2001-07-06
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 233
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: peptide
LOCATION: (1)..(233)
OTHER INFORMATION: Chimeric Protein
US-09-900-766-3
Query Match 97.7%; Score 1210; DB 3; Length 233;
Best Local Similarity 97.9%; Pred. No. 2.6e-102;
Matches 228; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKSSELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60

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; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-751-708A-16

Query Match      96.0%; Score 1188; DB 3; Length 248;
Best Local Similarity 100.0%; Pred. No. 2.9e-100;
Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
QY 181 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSENHLIDLYLTYT 233
DB 181 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSENHLIALYLYTT 233

RESULT 7
US-09-870-759-16
; Sequence 16, Application US/09870759
; Patent No. US20020177551A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 870759
; CURRENT APPLICATION NUMBER: US/09/870,759
; PRIOR FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/208,128
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 16
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-870-759-16

Query Match      96.0%; Score 1188; DB 3; Length 248;
Best Local Similarity 100.0%; Pred. No. 2.9e-100;
Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 25 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 85 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
QY 181 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSEN 224
DB 205 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSEN 248

RESULT 8
US-09-751-708A-16
; Sequence 16, Application US/09751708A
; Publication No. US20030157113A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 751708
; CURRENT APPLICATION NUMBER: US/09/751,708A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US 60/173,371
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 16
; LENGTH: 248
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; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-751-708A-16

Query Match      96.0%; Score 1188; DB 3; Length 248;
Best Local Similarity 100.0%; Pred. No. 2.9e-100;
Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 25 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 85 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
QY 181 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSEN 224
DB 205 RGLIVFHSSEGSTSVSYDLFDAQQGYPDTLRLRIYRDNKTINSEN 248

RESULT 9
US-10-428-817A-12
; Sequence 12, Application US/10428817A
; Publication No. US20040214783A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 38373-189118
; CURRENT APPLICATION NUMBER: US/10/428,817A
; PRIOR FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/378,988
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 60/389,366
; PRIOR FILING DATE: 2002-06-15
; PRIOR APPLICATION NUMBER: US 60/406,697
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: US 60/406,750
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/415,310
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/415,400
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/438,686
; PRIOR FILING DATE: 2003-01-09
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 12
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-10-428-817A-12

Query Match      96.0%; Score 1188; DB 4; Length 248;
Best Local Similarity 100.0%; Pred. No. 2.9e-100;
Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
DB 25 SEKSEINEKDLRKKESELQNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFFTG 84
QY 61 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 85 HPWYNDLLVDLGSKDATNKYKGGKVDLYGAYYGQCAGGTPNKTACMYGGVTLHDNNRLT 144
QY 121 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 145 EEKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
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QY 181 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 224
 |||||
 Db 205 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 248
 |||||

RESULT 10

US-10-937-758A-16
 ; Sequence 16, Application US/10937758A
 ; Publication No. US2005012141A1
 ; GENERAL INFORMATION:
 ; APPLICANT: TERMAN, David S
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
 ; FILE REFERENCE: FILE REFERENCE 650884
 ; CURRENT APPLICATION NUMBER: US/10/937,758A
 ; PRIOR FILING DATE: 2004-09-08
 ; PRIOR APPLICATION NUMBER: 09/650,884
 ; PRIOR FILING DATE: 2000-08-30
 ; NUMBER OF SEQ ID NOS: 121
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 16
 ; LENGTH: 248
 ; TYPE: PRT
 ; ORGANISM: Staphylococcus aureus
 US-10-937-758A-16

Query Match 96.0%; Score 1188; DB 5; Length 248;
 Best Local Similarity 100.0%; Pred. No. 2.9e-100;
 Matches 224; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 60
 |||||
 Db 25 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 84
 |||||
 QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
 |||||
 Db 85 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 144
 |||||
 QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
 |||||
 Db 145 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 204
 |||||
 QY 181 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 224
 |||||
 Db 205 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 248
 |||||

RESULT 11

US-09-900-766-2
 ; Sequence 2, Application US/09900766
 ; Publication No. US20030039655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FORSBERG, GORAN
 ; APPLICANT: ERLANDSSON, EVA
 ; APPLICANT: ANTONSSON, PER
 ; APPLICANT: WALSE, BJORN
 ; TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
 ; FILE REFERENCE: P02188US0;10104199
 ; CURRENT APPLICATION NUMBER: US/09/900,766
 ; CURRENT FILING DATE: 2001-07-06
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2
 ; LENGTH: 233
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: Peptide
 ; LOCATION: (1)..(233)
 ; OTHER INFORMATION: Chimeric Protein
 US-09-900-766-2

Query Match 89.4%; Score 1107; DB 3; Length 233;
 Best Local Similarity 89.7%; Pred. No. 6.8e-93;

Matches 209; Conservative 9; Mismatches 15; Indels 0; Gaps 0;
 QY 1 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 60
 |||||
 Db 1 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 60
 |||||
 QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
 |||||
 Db 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
 |||||
 QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
 |||||
 Db 121 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
 |||||
 QY 181 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 233
 |||||
 Db 181 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 233
 |||||

RESULT 12

US-09-900-766-1
 ; Sequence 1, Application US/09900766
 ; Publication No. US20030039655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FORSBERG, GORAN
 ; APPLICANT: ERLANDSSON, EVA
 ; APPLICANT: ANTONSSON, PER
 ; APPLICANT: WALSE, BJORN
 ; TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
 ; FILE REFERENCE: P02188US0;10104199
 ; CURRENT APPLICATION NUMBER: US/09/900,766
 ; CURRENT FILING DATE: 2001-07-06
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 672
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: PEPTIDE
 ; LOCATION: (1)..(672)
 ; OTHER INFORMATION: Conjugate protein
 US-09-900-766-1

Query Match 89.4%; Score 1107; DB 3; Length 672;
 Best Local Similarity 89.7%; Pred. No. 2.7e-92;
 Matches 209; Conservative 9; Mismatches 15; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 60
 |||||
 Db 226 SEKSEINEKDLRKSEIQRNALSNLRQIYYNKAITENKESDDQFLENTLLFKGFFTG 285
 |||||
 QY 61 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 120
 |||||
 Db 286 HPWYNDLLVLDGSKDATNKYKGGKVDLYGAYGYQCAGTGNKTACMYGGVTLHDNNRLT 345
 |||||
 QY 121 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
 |||||
 Db 346 BEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 405
 |||||
 QY 181 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 233
 |||||
 Db 406 RGLIVFHSSEGSTVSYDLFDAQGYPTDILLRIYRDNKTINSEN 458
 |||||

RESULT 13

US-09-900-766-4
 ; Sequence 4, Application US/09900766
 ; Publication No. US20030039655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FORSBERG, GORAN
 ; APPLICANT: ERLANDSSON, EVA
 ; APPLICANT: ANTONSSON, PER

APPLICANT: WALSE, BJORN
TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
FILE REFERENCE: P02188US0;10104199
CURRENT APPLICATION NUMBER: US/09/900,766
CURRENT FILING DATE: 2001-07-06
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 233
TYPE: PRT
ORGANISM: Staphylococcus sp.
US-09-900-766-4

Query Match 82.6%; Score 1023; DB 3; Length 233;
Best Local Similarity 82.0%; Pred. No. 3.3e-85;
Matches 191; Conservative 17; Mismatches 25; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSELQNALSNLRQIYYINEKAITENKESDDQFLENTLLFKGFFTG 60
DB 1 SEKSEINEKDLRKSELQNALSNLRQIYYINEKAITENKESDDQFLENTLLFKGFFTG 60
QY 61 HPYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 61 HSWYNDLLVDFDSKDIYDKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
QY 121 EEKVPINLWDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 121 EEKVPINLWDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
QY 181 RGLIVFHSSEGSTVSVDLFDAGQGYPTLLRIYRDNKTINSENHLDIYLYTT 233
DB 181 RGLIVFHTSTEPSVNYDLFGAQGYSNLTLLRIYRDNKTINSENHLDIYLYTS 233

RESULT 15
US-10-283-838-7
Sequence 7, Application US/10283838
Publication No. US20030092894A1
GENERAL INFORMATION:
APPLICANT: Bolognesi, Dani P.
Matthews, Thomas J.
Wild, Carl T.
Barney, Shawn O.
Lambert, Dennis M.
Petteway, Stephen R.
Langlois, Alphonse J.
TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
TRANSMISSION
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/267,682
FILING DATE: 08-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/484,223A
FILING DATE: 07-JUN-1995
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7872-029
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE

APPLICANT: WALSE, BJORN
TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
FILE REFERENCE: P02188US0;10104199
CURRENT APPLICATION NUMBER: US/09/900,766
CURRENT FILING DATE: 2001-07-06
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 233
TYPE: PRT
ORGANISM: Staphylococcus sp.
US-09-900-766-4

Query Match 82.6%; Score 1023; DB 3; Length 233;
Best Local Similarity 82.0%; Pred. No. 3.3e-85;
Matches 191; Conservative 17; Mismatches 25; Indels 0; Gaps 0;

QY 1 SEKSEINEKDLRKSELQNALSNLRQIYYINEKAITENKESDDQFLENTLLFKGFFTG 60
DB 1 SEKSEINEKDLRKSELQNALSNLRQIYYINEKAITENKESDDQFLENTLLFKGFFTG 60
QY 61 HPYNDLLVDLGSKDATNKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
DB 61 HSWYNDLLVDFDSKDIYDKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120
QY 121 EEKVPINLWDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
DB 121 EEKVPINLWDGKQTTVPIDKVKTSKEVTVOELDLQARHYLHGKFGLYNSDSFGGKVQ 180
QY 181 RGLIVFHSSEGSTVSVDLFDAGQGYPTLLRIYRDNKTINSENHLDIYLYTT 233
DB 181 RGLIVFHTSTEPSVNYDLFGAQGYSNLTLLRIYRDNKTINSENHLDIYLYTS 233

RESULT 14
US-10-283-838-7
Sequence 7, Application US/10283838
Publication No. US20030092894A1
GENERAL INFORMATION:
APPLICANT: Per Antonsson, Per Bjork, Mikael Dohlaten,
Johan Hansson, Terje Kalland, Lars
Abrahamson and Goran Forsberg
TITLE OF INVENTION: MODIFIED/CHIMERIC SUPERANTIGENS
AND THEIR USE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pravel, Hewitt, Kimball & Krieger
STREET: 1177 West Loop South, 10th Floor
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77027-9095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/283,838
FILING DATE: 30-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/695,692
FILING DATE: August 12, 1996
APPLICATION NUMBER: 9601245-5
FILING DATE: March 29, 1996
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REFERENCE/DOCKET NUMBER: 41986/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0909
TELEFAX: 713-850-0165

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; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 257 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: <Unknown>
;   TOPOLOGY: unknown
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 113:
US-10-267-682-113

Query Match      82.6%; Score 1023; DB 4; Length 257;
Best Local Similarity 82.0%; Pred. No. 3.7e-85;
Matches 191; Conservative 17; Mismatches 25; Indels 0; Gaps 0;

Qy 1 SEKSEINEKDLRKSEIQRNALSRLROIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Db 25 SEKSEINEKDLRKSEIQRNALSRLROIYYNEKAITENKESDDQFLENTLLFKGFFTG 60
Qy 61 HPWYNDLAVDLGSKDATNKYKGVLDLYGAYGYQCAGGTGNTACTACMYGGVTLHDNNRLT 120
Db 85 HSWYNDLLVDFDSKDIDVYKGVLDLYGAYGYQCAGGTGNTACTACMYGGVTLHDNNRLT 144
Qy 121 EEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHLYLHGKFGLYNSDSFGGKVQ 180
Db 145 EEKKVPINLWIDGKQTTVPIDKVKTSKEVTVQELDLQARHLYLHGKFGLYNSDSFGGKVQ 204
Qy 181 RGLIVFHSSEGSTVSVDLFDAGQGVPTDRLRIYRDNKTINSENHLIDLYLTT 233
Db 205 RGLIVFHTSTPSPVNYDLFGAQGVSNLRLRIYRDNKTINSENHDIYLYTS 257
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Search completed: November 25, 2005, 21:03:38
Job time : 166 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 25, 2005, 20:50:37 ; Search time 9 Seconds
(without alignments)
78.468 Million cell updates/sec

Title: US-09-900-766-7
Perfect score: 1238
Sequence: 1 SEKSEINKEIDLRKXSELR.....RDNKTINSENHLDLYLYTT 233

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 17545 seqs, 3030971 residues

Total number of hits satisfying chosen parameters: 17545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Published Applications AA.New.*
- 1: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pap.*
 - 2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pap.*
 - 3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pap.*
 - 4: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pap.*
 - 5: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pap.*
 - 6: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pap.*
 - 7: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pap.*
 - 8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1019	82.3	233	7	US-11-022-562-226
2	111.5	9.0	443	1	US-10-793-626-1860
3	94.5	7.6	402	1	US-10-485-517-422
4	89	7.2	171	1	US-10-793-626-1074
5	84.5	6.8	228	1	US-10-793-626-1166
6	84.5	6.8	579	7	US-11-045-802-33
7	83.5	6.7	752	1	US-10-793-626-1138
8	82.5	6.7	361	1	US-10-485-517-125
9	82.5	6.7	361	1	US-10-485-517-295
10	82	6.6	584	7	US-11-045-802-31
11	81.5	6.6	313	1	US-10-485-517-123
12	81.5	6.6	313	1	US-10-485-517-293
13	81.5	6.6	579	7	US-11-045-802-32
14	78	6.3	392	1	US-10-793-626-2494
15	78	6.3	585	1	US-10-510-386-20
16	78	6.3	594	1	US-10-510-386-38
17	77.5	6.3	581	7	US-11-045-802-30
18	76	6.1	182	7	US-11-065-943-55
19	76	6.1	805	1	US-10-485-517-198
20	75	6.1	646	1	US-10-793-626-676
21	74.5	6.0	120	1	US-10-501-039-14
22	74	6.0	518	1	US-10-793-626-506
23	73	5.9	352	1	US-10-793-626-216
24	72.5	5.9	251	1	US-10-485-517-126
25	72.5	5.9	539	1	US-10-793-626-340

26	72.5	5.9	2053	7	US-11-013-759-9	Sequence 9, Appli
27	71.5	5.8	1992	7	US-11-013-759-3	Sequence 3, Appli
28	71.5	5.8	1992	7	US-11-013-759-13	Sequence 13, Appli
29	71.5	5.8	2047	7	US-11-013-759-4	Sequence 4, Appli
30	71.5	5.8	2047	7	US-11-013-759-7	Sequence 7, Appli
31	71	5.7	621	1	US-10-632-150-28	Sequence 28, Appli
32	71	5.7	3717	1	US-10-821-234-1076	Sequence 1076, Ap
33	70.5	5.7	269	1	US-10-793-626-880	Sequence 880, App
34	70.5	5.7	1070	7	US/11/062	Sequence 7, Appli
35	70.5	5.7	1095	7	US/11/062	Sequence 2, Appli
36	70.5	5.7	1169	7	US-11-077-550-20	Sequence 20, Appli
37	70	5.7	266	7	US-11-082-544-10	Sequence 10, Appli
38	70	5.7	281	1	US-10-821-234-1288	Sequence 1288, Ap
39	70	5.7	281	7	US-11-077-272-2	Sequence 2, Appli
40	70	5.7	391	7	US-11-105-172-4	Sequence 4, Appli
41	69.5	5.6	611	7	US-11-082-389-436	Sequence 436, App
42	69	5.6	311	1	US-10-793-626-3080	Sequence 3080, Ap
43	69	5.6	861	7	US-11-038-284-36	Sequence 36, Appli
44	69	5.6	1572	1	US-10-793-626-2906	Sequence 2906, Ap
45	68.5	5.5	491	1	US-10-793-626-2808	Sequence 2808, Ap

ALIGNMENTS

RESULT 1
US-11-022-562-226
; Sequence 226, Application US/11022562
; Publication No. US20050249742A1
; GENERAL INFORMATION:
; APPLICANT: Ruprecht, Ruth M.
; APPLICANT: Shisong, Jiang
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING
; TITLE OF INVENTION: A CYTOTOXIC T LYMPHOCYTE IMMUNE RESPONSE
; FILE REFERENCE: DFN-043CN
; CURRENT APPLICATION NUMBER: US/11/022,562
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: PCT/US03/20322
; PRIOR FILING DATE: 2003-06-27
; PRIOR APPLICATION NUMBER: 60/392718
; PRIOR FILING DATE: 2002-06-27
; NUMBER OF SEQ ID NOS: 340
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 226
; LENGTH: 233
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-11-022-562-226

Query Match	82.3%	Score	1019;	DB	7;	Length	233;
Best Local Similarity	81.5%	Pred. No.	3.8e-80;				
Matches	190;	Conservative	18;	Mismatches	25;	Indels	0;
Gaps	0;						
Qy	1	SEKSEINKEIDLRKXSELR	1	SEKSEINKEIDLRKXSELR	1	SEKSEINKEIDLRKXSELR	1
Db	1	SEKSEINKEIDLRKXSELR	1	SEKSEINKEIDLRKXSELR	1	SEKSEINKEIDLRKXSELR	1
Qy	61	HPWYNDLLVDLGS	61	HPWYNDLLVDLGS	61	HPWYNDLLVDLGS	61
Db	61	HPWYNDLLVDLGS	61	HPWYNDLLVDLGS	61	HPWYNDLLVDLGS	61
Qy	121	EKKVPINLWDGQ	121	EKKVPINLWDGQ	121	EKKVPINLWDGQ	121
Db	121	EKKVPINLWDGQ	121	EKKVPINLWDGQ	121	EKKVPINLWDGQ	121
Qy	181	RGLIVPHSSEGSTV	181	RGLIVPHSSEGSTV	181	RGLIVPHSSEGSTV	181
Db	181	RGLIVPHSSEGSTV	181	RGLIVPHSSEGSTV	181	RGLIVPHSSEGSTV	181

RESULT 2
US-10-793-626-1860
; Sequence 1860, Application US/10793626

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; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 1860
; LENGTH: 443
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-1860

Query Match          9.0%; Score 111.5; DB 1; Length 443;
Best Local Similarity 25.6%; Pred. No. 0.0061;
Matches 58; Conservative 28; Mismatches 86; Indels 55; Gaps 11;

QY      4 SEINEKDLRKXSELORNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFTGHPW 63
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
100 SKOLTSNDHRLNEEARAYLKYI-----KAESLKHVADKVEVT---KDIKNH-- 146

QY      64 YNDLLVLGSKDATNKYK-GKKVDLYGAYGYQCAGGTENKTACMYGGVTL--HDNNRLT 120
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
147 YNNLSVDANDNNILNISKDGK--YVFDNYQF--NVFQKT-----ITLVSSDSGEIT 195

QY      121 BEKKVPINLWDGKQTTPIDKVTSKKEVTVQES-LDLQARHYLHGKFGLYNSDSFGGKV 179
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
196 YE-----FNGDKHHISVEEDDDKELGTFPIGDYNLKASKDMEGKN 235

QY      180 QRLIVFHSSEGSTVSVDLFD-----DAQGOYPTDLLRIYRDNKTI 219
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
236 FKGAITIDMSDSIAYESFKQRFNVDTEGGYILDNVKIYANGKEI 282

RESULT 3
US-10-485-517-422
; Sequence 422, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:
; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Poster, Simon
; APPLICANT: Mond, James
; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: P100629W0
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 0118825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 422
; LENGTH: 402
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-10-485-517-422

Query Match          7.6%; Score 94.5; DB 1; Length 402;
Best Local Similarity 23.8%; Pred. No. 0.15;
Matches 63; Conservative 38; Mismatches 89; Indels 75; Gaps 16;

QY      1 SEKSEINEKDLRKXSELORNALSNLRQIYYNEKAITENKESDDQFLENTLLFKGFTG 60
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
26 SSDKEQSEHKDNNHKKQVKIATD--KKVQGDNYRILTPKESQARGLLQDNWANG-YNG 82
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QY      61 HPWVNDLLVDLGSKD--ATNKYKGGKVDLYGAYGYQCAGGTENKTACMYGGVTLHDNNR 118
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
83 EDFESGLL-EL-SKEIFFTNKY-----LVQDQG 108

QY      119 LTEKKKVPINLWDGKQTTPIDKV--KTSKKEVTVQBLDQARH----- 161
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
109 YLDKK--TINAYLPKPYTKKEIDKMSKEKSKNANENLGNPSHNGETDEEKIAENSPA 166

QY      162 YLHG--KFGLY-NSDSFGGKQVR---GL-----IVPHSSE--GSTVSYDLFD---AQG-Q 204
Db      |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
167 YLSNLEQDFYGNSSDKGNKIKGMTIGLAMNSVYYIKKEKDGTFESKDLSEIKQKGQ 226

QY      205 YPDTLLRIYRDNKTINSENHLIDLY 229
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
227 MASEMLSLRLRENSDLKDIPHFAYI 251

RESULT 4
US-10-793-626-1074
; Sequence 1074, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 1074
; LENGTH: 171
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-1074

Query Match          7.2%; Score 89; DB 1; Length 171;
Best Local Similarity 22.7%; Pred. No. 0.15;
Matches 45; Conservative 30; Mismatches 57; Indels 66; Gaps 11;

QY      37 ITENKESDDQFLENTLLFKGFTGHPWYNDLLVDLGSKDATNKYKGGKVDLYCAYGYQC 96
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
11 VTDTKMEVSQHLKS-----QGHE-----VIDGVTVDFTRTH---YPIYKKKVGKV 53

QY      97 AGGTPNKTACMYG-GVTLHDNNRLTEKKVPINLWIDGKQTTPIDKVKVT--SKKEVTVQ 153
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
54 ASGEADLGVICGTGVGISN-----AANKVP-----GVRTALVRDMTSALYSKEELNA- 101

QY      154 ELDLQARHYLHGKFGLYNSDSFGGKQVRGLIVFHSSEGSTVSVDLFD--QQQYPTLLR 211
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
102 -----NVSFGGKVGAGELFF-----DIVDAFIEAEYKFT--- 131

QY      212 IYRDNKTINSENHLIDLY 229
Db      :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
132 --EENKKLIKINHLEAH 147

RESULT 5
US-10-793-626-1166
; Sequence 1166, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
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Db      278 SEYEK-----EIEBKMKTQEYVASYARRKSSGFSRGAISYRGVTRHHQH 323
QY      166 KFGLY-----NSDSFGKVQORGLIVFHSSEGSTVSYDL 198
           ::      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
Db      324 RMQARIGRVAGNKDLYG-----TFGTQEEAAEAYDI 355

RESULT 7
US-10-793-626-1138
; Sequence 1138, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: TYPHLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1138
; LENGTH: 752
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-1138

Query Match      6.7%; Score 83.5; DB 1; Length 752;
Best Local Similarity 23.1%; Pred. No. 2.7;
Matches 56; Conservative 33; Mismatches 88; Indels 65; Gaps 12;

QY      12 LRKSELRQNALSNLEQI-YYNYEKAITEN-----KESDDQPL-----ENTLLF 54
           ||      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
Db      438 LRNKHNLK-----ENTREANHFNYIGVPTQNNLNKVTSPKHVLTVLTVGVAGSGKSTLVK 493

QY      55 KGFFTC-HPWYND-----LLVDLGSKDQATNKYKGGKVDLYGAYYGYQCAGTGN 102
           ||      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
Db      494 AGFENNDRHIFIDQKAVQGSNRSNLLTYLGVFDSVRSYSKETGLNKAMFSYNSKGACPN 553

QY      103 -----KTACMYGGVTLHNNRLTE-----EKVPIINLWIDG-----KQTTV 138
           ||      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
Db      554 CGSGKGVIKTELAFMG---DFSQTCEVCHGKRYKQSVLDATIDGYSIADVLNLTVDGII 609

QY      139 PIDKVKTSKEVTQVELDLQABHYLHGKGLYNSDSFGKVQORGLIVFHSSEGSTVSYDL 198
           ||      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
Db      610 PFDKNDIKSK--LOSVSKTGLNYM--SLGQPLSTLSGGEIQRVKLGQHLDEEIKNSIFI 665

QY      199 FD 200
           ||
Db      666 FD 667

RESULT 8
US-10-485-517-125
; Sequence 125, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:
; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James
; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: PI00629WO
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 0118825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424

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Wed Nov 30 08:17:04 2005

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; GENERAL INFORMATION:
; APPLICANT: Andersen, Jens Tonne
; APPLICANT: Clausen, Ib Groth
; APPLICANT: Jorgensen, Steen Troels
; APPLICANT: Olsen, Peter Ejarkke
; APPLICANT: Rasmussen, Michael Dolberg
; TITLE OF INVENTION: Improved Bacillus Host Cell
; FILE REFERENCE: 10294.204-US
; CURRENT APPLICATION NUMBER: US/10/510,386
; CURRENT FILING DATE: 2004-10-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 20
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Bacillus licheniformis
;
US-10-510-386-20

Query Match      6.3%; Score 78; DB 1; Length 585;
Best Local Similarity 26.0%; Pred. No. 5.9;
Matches 45; Conservative 27; Mismatches 73; Indels 28; Gaps 9;

Qy 56 GFTGHPWYNDLLVDLGSKDATKYGK-KVDLYGAVYGYQCAGGT-----PNKTA 105
Db 421 GFHTADRWNDI---SGTGKLTGKGTGALKLEGDNTY-----SGGTRIDQGTLEGGSETA 472

Qy 106 CMYGGVTLHDNNRLTEKKVPINLWIDG--KQTTVPIDKVKTSKEVTVQVELDLQARHYL 163
Db 473 FGRGDVAL--NGGILKE-DAPGKLIIEGDYKQSAKGILEQLSGKK---DQLKIKGKARL 526

Qy 164 HGKFGLYNSDSFGGKVQORGLIVFHSSEGSTVSYDLFDAQQGYPTLLRIYRDN 216
Db 527 KGTLLNFTDNYVPADGSAITFRKRHGSFSSVETSGLPSKYVKI--IYKSN 577
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Search completed: November 25, 2005, 21:03:54
Job time : 10 secs